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GOVERNOR



PEGGY M. HATCH
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090001
Agency Interest No. 40198

Mr. Terry L. Hurlburt
Sr. Vice President Operations
Enterprise Products Operating, LLC
PO Box 4324
Houston, TX 77210-4324

RE: Part 70 Operating Permit
Enterprise Products Operating, LLC - Baton Rouge Fractionator and Splitter Units
Port Allen, West Baton Rouge Parish, Louisiana

Dear Mr. Hurlburt:

This is to inform you that the permit renewal/modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ___ of _____, 2015, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 3120-00065-V2

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:DWP
c: EPA Region VI

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Baton Rouge Fractionator and Splitter Units
Agency Interest No.: 40198
Enterprise Products Operating, LLC
Port Allen, West Baton Rouge Parish, Louisiana

I. Background

The Enterprise Products Operating, LLC - Baton Rouge Baton Rouge Fractionator and Splitter Units currently operate under Permit No. 3120-00065-V1, issued August 5, 2005.

This is the Part 70 operating permit for the facility.

II. Origin

The application and Emission Inventory Questionnaire (EIQ), dated September 3, 2009, requested a renewal/modification and reconciliation to a Part 70 Operating permit for the Enterprise Products Operating, LLC - Baton Rouge Fractionators and Splitter Units.

III. Description

The Baton Rouge Fractionator and Splitter Units are dual plant configuration consisting of a natural gas liquids fractionator plant and propane/propylene splitter unit.

Baton Rouge Splitter Unit

The Baton Rouge Splitter in Port Allen, Louisiana separates a mixed propane/propylene feed into separate propane and propylene constituents. This unit is a continuous operation that is divided into four operating sections. These operating sections are the Feed Treating and Dehydration Section, Deethanizer and Propylene Splitter Section, Depropanizer Section, and Hot Oil Section.

Feed Treating and Dehydration: The mix of propane and propylene (P/P Mix) arrives at the P/P Splitter Unit by pipeline. This mixture frequently contains sulfur compounds that must be removed prior to further separation. The arriving mixture contacts a filter/coalescer to remove water. Feed then flows through solid KOH treaters to remove hydrogen sulfide, carbonyl sulfide and other sulfur compounds. Spent KOH from the treaters is sent to the waste KOH tank for storage prior to shipment offsite for disposal. Following the sulfur removal, the P/P mix flows through a dehydrator unit to remove moisture.

Deethanizer and Propylene Splitter: The feed is then routed to the deethanizer column. Ethane is separated from the feed as overhead product and is condensed by an open loop refrigeration system. Normally the ethane exits the system as a product; however, at times this small stream may be burned in the Heat Recovery System and/or the flare. The flare is a common flare for the Baton Rouge Splitter Unit and the Baton Rouge Fractionator Unit. The

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deethanizer bottoms are sent to the Propylene Splitter Column. The lighter component, propylene, is stripped off the mixture as overhead. The propylene product is condensed using two compressors powered by one gas turbine and one electric motor. The propylene is passed over an adsorption bed that removes arsine and is sent to a pipeline delivery system. The arsine bed is removed when expended and replaced with fresh adsorbent. The spent bed is properly disposed of off-site.

Depropanizer: The propane/butane mix coming off the bottom of the splitter column is sent to the depropanizer column where the overhead propane product and the bottom butane mixtures are sent to pipeline delivery system.

Hot Oil: The heat needed for accomplishing the product separation in the deethanizer and depropanizer is supplied by a Waste Heat Recovery Unit (WHRU) on the turbine exhaust. The WHRU is capable of firing natural gas and on occasion the deethanizer overhead stream.

Baton Rouge Fractionator Unit

The Fractionator Unit produces five products from a raw mix Natural Gas Liquid (NGL) feedstream. The five products are ethane, propane, isobutane, n-butane, and natural gasoline. This unit is a continuous operation, which is divided into five operating sections. These operating sections are the Feed Treating, Dehydration and Deethanizer, Depropanizer, Debutanizer, Deisobutanizer, and Refrigeration and Hot Oil.

Feed Treating, Dehydration and Deethanizer: Raw mix feed enters as liquid through a filter/coalesce to remove solids and entrained water. After separation from entrained water, the raw mix is treated with an amine solution to remove CO₂. Raw mix NGL flows into the Deethanizer tower. Ethane vapor is withdrawn from the top of the tower, condensed and pumped to pipeline as product.

Depropanizer: Deethanized liquid flows to the Depropanizer tower. Propane vapor is withdrawn from the top of the tower and condensed with cooling water in the overhead condenser. Propane is pumped into pressurized storage. Propane is pumped from storage to pipeline as product.

Debutanizer: Bottoms from the Depropanizer flow to the Debutanizer. Butane vapor is withdrawn from the top of the tower, condensed and collected in the Debutanizer Overhead Accumulator. From the accumulator the butane flows into the Deisobutanizer as feed. The Debutanizer bottom stream is cooled and flows through the gasoline treater and then to storage. Gasoline product is pumped from pressurized storage to a pipeline as product.

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Deisobutanizer: Deisobutanizer accepts feed from the debutanizer overhead. Isobutane vapor is withdrawn from the top of the tower and compressed. The deisobutanizer bottom stream is cooled in the n-butane product cooler and flows to storage. Isobutane and n-butane products are pumped from storage into pipeline as products.

Refrigeration and Hot Oil: A two-stage, propane refrigeration system supplies cooling to the process. Low pressure refrigerant is used to condense reflux for the Deethanizer and product ethane. Water coolers are used to condense propane, and the compressor is driven by a gas turbine. An auxiliary fired, waste heat recovery hot oil heater produces hot oil for process heat. This is a single unit which accepts exhaust flow from the gas turbine.

This renewal permit includes the following changes and updates needed to reconcile the permit:

1. Updated all emission calculations with current methodologies;
2. Established separated facility identifications for the supplemental gas-fired waste heat recovery units (WHRU);
3. Updated the insignificant source listing.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	46.18	22.07	-24.11
SO ₂	1.93	18.65	+16.72
NO _x	124.53	115.89	-8.64
CO	154.22	229.52	+75.30
VOC *	54.37	73.12	+18.75

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Acetaldehyde	0.016	0.014	-0.002
Acrolein	0.002	0.002	-
Benzene	0.007	0.007	-
Dichlorobenzene	0.001	0.001	-

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***VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
Ethylbenzene	0.012	0.018	+0.006
Formaldehyde	0.350	0.528	+0.178
Hexane	1.700	0.119	-1.581
Naphthalene	<0.001	<0.001	-
PAH	<0.001	<0.001	-
Propylene Oxide	0.012	0.010	-0.002
Toluene	0.055	0.163	+0.108
Xylene	0.026	0.043	+0.017
Total	2.181	0.905	-1.276

Other VOC (TPY): 72.21

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations and New Source Performance Standards (NSPS). Prevention of Significant Deterioration (PSD) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

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VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: <None>

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates - tons				
		PM ₁₀	SO ₂	NO _x	CO	VOC
Sampling	Daily					0.06
Equipment Prep for Maintenance	Weekly					0.80
Instrument Mechanical Work	Weekly					0.10
Safety Valve Servicing	Monthly					0.10
Cleaning and Solvents	Daily					0.50

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Tank Clearing for Inspection/Service	Annual	0.31
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IX. Insignificant Activities

<u>ID No.:</u>	<u>Description</u>	<u>Citation</u>
140TK19002	3,000 gals Turbine Oil Tank	LAC 33:III.501.B.5.A.3
140TK19001	1,000 gals Compressor Lube Oil Tank	LAC 33:III.501.B.5.A.3
140TK19008	1,000 gals Waste Hydrocarbon Tank	LAC 33:III.501.B.5.A.3
140TK19010	5,000 gals DEA Tank	LAC 33:III.501.B.5.A.3
140TK19003	5,000 gals Spent Caustic Tank	LAC 33:III.501.B.5.A.10
140TK19005	500 gals 2% Caustic Tank	LAC 33:III.501.B.5.A.10
140TK19009	9,000 gals Wastewater Tank	LAC 33:III.501.B.5.A.3
140TK18063	265-hp Emergency Diesel Firewater Pump Engine	LAC 33:III.501.B.5.D
140TK19006	300 gals Firewater Pump Engine Diesel Tank	LAC 33:III.501.B.5.A.3
140SV19007	30,000 gals Propane Storage Tank (250 psig)	LAC 33:III.501.B.5.D
140SV19008	30,000 gals Isobutane Storage Tank (120 psig)	LAC 33:III.501.B.5.D
140SV19009	30,000 gals n-butane Storage Tank (250 psig)	LAC 33:III.501.B.5.D
140SV19010	30,000 gals Natural Gasoline Storage Tank (50 psig)	LAC 33:III.501.B.5.D
140SV17077	25 gpm Fractionator CPI Separator	LAC 33:III.501.B.5.D
EGENFRAC	68-HP Emergency Generator Engine	LAC 33:III.501.B.5.D
142SV19004	3,000 gals Turbine Oil Tank	LAC 33:III.501.B.5.A.3
142SV19003	1,000 gals Compressor Lube Oil Tank	LAC 33:III.501.B.5.A.3
142SV19002	12,000 gals KOH Holding Tank	LAC 33:III.501.B.5.A.10
142PV17023	20 gpm Splitter CPI Separator	LAC 33:III.501.B.5.D
142SV19009	1,000 gals Waste Hydrocarbon Tank	LAC 33:III.501.B.5.A.3
142SV19007	30,000 gals Feed/Return Tank (300psig)	LAC 33:III.501.B.5.D
EGENPCU	99-HP Emergency Generator Engine	LAC 33:III.501.B.5.D
TRUCKLD	50,000 gal VOL Truck Loading	LAC 33:III.501.B.5.D

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Table 1. Applicable Louisiana and Federal Air Quality Requirements

LAC 33:III. Chapter

X. ID No.:	Description	LAC 33:III. Chapter																
		5 [▲]	9	11	13	15	2113	2147	2111	2113	2115	2121	2122	2201	29*	51*	56	59*
UNF 1	Fractionator and Splitter Unit	1	1	1	1	1									1	3	1	1
EQT 1	M-01 – Plant Flare			1		2												
EQT 2	S-02 – Splitter Solar Centaur Gas Turbine			1	1	3							2					
EQT 3	HR15001 – Splitter Gas-Fired WHRU			1	1								2					
EQT 4	S-01 – Fractionator Solar Centaur Gas Turbine			1	1	3							2					
EQT 5	HR15002 – Fractionator Gas-Fired WHRU			1	1								2					
EQT 6	C-01 – Fractionator Cooling Tower				1													
EQT 7	C-02 – Splitter Cooling Tower				1													
EQT 8	V-05 – Splitter DeEthanizer							3										
EQT 9	AMINE – Fractionator Amine System															1		
FUG 1	U-01 – Fractionator Fugitive								1								2	2
FUG 2	U-02 – Splitter Fugitive								1								2	2

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the “Specific Requirements” report specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		Notes
ID No:	Requirement	
Entire Facility AI # 40198	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109.A]	DOES NOT APPLY. Facility is not a major source of toxic air pollutants.
M-01 - Flare	Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C] Compliance Assurance Monitoring [40 CFR 64]	EXEMPT. Source emits <250 tpy SO ₂ .
C-01 & C-02 - Cooling Towers	National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers [40 CFR 63, Subpart Q]	DOES NOT APPLY. Flare is not a pollutant-specific emissions unit subject to an emission limitation or standard that uses a control device to achieve any such emission limitation or standard.
Splitter Unit	National Emission Standards for Hazardous Air Pollutants for SOCM I [40 CFR 63, Subpart F, G & H]	DOES NOT APPLY. Facility is not a major source of HAPs.
AMINE	Standards of Performance for Onshore Natural Gas Processing: SO ₂ Emission [40 CFR 60, Subpart LLL]	DOES NOT APPLY. Facility is not a major HAP source and does not manufacture any listed SOCM I chemical.
S-01 & S-02 - Gas Turbines	Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1502.A] Control of Emissions of Nitrogen Oxides (NOx) [LAC 33:III.2201]	DOES NOT APPLY. Fractionator unit does not include a natural gas sweetening unit. DOES NOT APPLY. Source emits <5 tpy SO ₂ . EXEMPT. Turbines are limited by federal NOx emission limitation that is more stringent than the regulation.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		Notes
ID No:	Requirement	
HR15001 & HR15002 – Waste Heat Recovery Unit	Control of Emissions of Nitrogen Oxides (NOx) [LAC 33:III.2201]	EXEMPT. Gas-fired WHRU units are limited by federal NOx emission limitation that is more stringent than the regulation.
HR15001 – Waste Heat Recovery Unit	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Dc]	DOES NOT APPLY. Gas-fired source is not subject to any emission limit of 40 CFR, Subpart Dc.
U-01 & U-02 - Fugitives	Control of Emissions of Organic Compounds – Fugitive Emission Control [LAC 33:III.2121]	EXEMPT. Process units that are subject to LAC:III.2122 are not required to comply with the provisions of LAC 33:III.2121.
V-05 - Splitter DeEthanizer	Control of Emissions of Organic Compounds – Waste Gas Disposal [LAC 33:III.2115.B]	DOES NOT APPLY. Regulation does not apply to waste gas streams that are subject to a Federal regulation (NSPS Subpart NNN) to implement controls.
	Control of Emissions of Organic Compounds Limiting VOC Emissions from SOCFI Reactors and Distillation Processes [LAC 33:III.2147]	DOES NOT APPLY. Any reactor or distillation process subject of NSPS Subpart NNN is not subject to LAC 33:III.2147.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 40198 Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU
Activity Number: PER20090001
Permit Number: 3120-00065-V2
Air - Title V Regular Permit Renewal

ID	Name	User Group	Start Date
3120-00065	CDS Number	CDS Number	08-05-2002
74-1675622	Enterprise Production Operating LP	Federal Tax ID	11-21-1999
74-1675622	Federal Tax ID	Federal Tax ID	11-21-1999
LAR000033100	Enterprise Products Operating LLC	Hazardous Waste Notification	11-24-1998
LA0105538	LPDES #	LPDES Permit #	05-22-2003
LA0111082	LPDES #	LPDES Permit #	11-21-1999
	Enterprise Products Operating LLC	Multimedia	08-01-2007
	Enterprise Products Operating LP - Act Frac I Plant 100000 BBL	Multimedia	08-31-1999
G-121-10915	Priority 1 Emergency Site	Priority 1 Emergency Site	07-19-2006
101095	Site Id #	Solid Waste Facility No.	07-24-2001
41389	Enterprise Products Operating LP - Baton Rouge Polypropylene Concentrator	TEMPO Merge	11-30-2004
41390	Enterprise Production Operating LP	TEMPO Merge	11-13-2000
87451	Baton Rouge Fractionators LLC	TEMPO Merge	11-13-2000
88103	Baton Rouge Propylene Concentrator	TEMPO Merge	12-01-2004
15668	Enterprise Production Operating LP	Water Permitting	08-07-2001
16553	Enterprise Production Operating LP	Water Permitting	11-21-1999

Physical Location: 2220 N River Rd (portion of) Port Allen, LA 70767 **Main Phone:** 2253813459

Mailing Address: PO Box 4324 Houston, TX 772104324

Name	Mailing Address	Phone (Type)	Relationship
Mary Hebert	PO Box 4324 Houston, TX 772104324	bhebert@eprod.com	Emission Inventory Contact for
Mary Hebert	PO Box 4324 Houston, TX 772104324	7138806518 (WP)	Emission Inventory Contact for
Robert Hoskin	PO Box 4324 Houston, TX 772104324	thurburt@eprod.com	Accident Prevention Contact for
Terry Hurburt	PO Box 4324 Houston, TX 772104324	7138818298 (WP)	Responsible Official for
Terry Hurburt	PO Box 4324 Houston, TX 772104324		Responsible Official for

Name	Address	Phone (Type)	Relationship
Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806660 (WF)	Water Billing Party for
Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806660 (WF)	Emission Inventory Billing Party

General Information

AI ID: 40198 Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU

Activity Number: PER20090001

Permit Number: 3120-00065-V2

Air - Title V Regular Permit Renewal

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806660 (WF)	Operates
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806595 (WF)	Operates
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806660 (WF)	Owns
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806595 (WF)	Owns
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806595 (WF)	Emission Inventory Billing Party
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806595 (WF)	Water Billing Party for
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806660 (WF)	Air Billing Party for
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806595 (WF)	Air Billing Party for
	Enterprise Products Operating LLC	PO Box 4324 Houston, TX 772104324	7138806660 (WF)	Accident Prevention Billing Party for
	Enterprise Products Operating LP	PO Box 4324 Houston, TX 772104324	7138806595 (WF)	Accident Prevention Billing Party for
	Enterprise Products Operating LP	PO Box 4324 Houston, TX 772104324	7138806660 (HF)	Owns
	Enterprise Products Operating LP	PO Box 4324 Houston, TX 772104324	7138806500 (WF)	Owns

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 40198 - Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU
Activity Number: PER20090001
Permit Number: 3120-00065-V2
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Fractionator and Splitter Unit						
EQT 0001	M-01 - Plant Flare		81.76 MM BTU/hr	73.24 MM BTU/hr		8760 hr/yr
EQT 0002	S-02 - Splitter Solar Centaur Gas Turbine		46.2 MM BTU/hr	41.95 MM BTU/hr		8760 hr/yr
EQT 0003	HR15001 - Splitter Gas-Fired WHRU		49.32 MM BTU/hr	44.82 MM BTU/hr		8760 hr/yr
EQT 0004	S-01 - Fractionator Solar Centaur Gas Turbine		46.2 MM BTU/hr	41.95 MM BTU/hr		8760 hr/yr
EQT 0005	HR15002 - Fractionator Gas-Fired WHRU		124 MM BTU/hr	111.36 MM BTU/hr		8760 hr/yr
EQT 0006	C-01 - Fractionator Cooling Tower		24000 gallons/min	24000 gallons/min		8760 hr/yr
EQT 0007	C-02 - Splitter Cooling Tower		12500 gallons/min	12500 gallons/min		8760 hr/yr
EQT 0008	V-05 - Splitter DeEthanizer					8760 hr/yr
EQT 0009	AMINE - Fractionator Amine System					8760 hr/yr
FUG 0001	U-01 - Fractionator Fugitives					8760 hr/yr
FUG 0002	U-02 - Splitter Fugitives					8760 hr/yr
RLP 0025	V-01 - Overhead Stream from Deethanizer Tower					8760 hr/yr
RLP 0026	V-02 - Overhead Stream from Deopropanizer Tower					8760 hr/yr
RLP 0027	V-03 - Overhead Stream from Debutanizer Tower					8760 hr/yr
RLP 0028	V-04 - Overhead Stream from Deisobutanizer Tower					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Fractionator and Splitter Unit							
EQT 0001	M-01 - Plant Flare	53.96	15892	2.5		200	1500
EQT 0002	S-02 - Splitter Solar Centaur Gas Turbine	48.85	33827	3.83		72	397
EQT 0003	HR15001 - Splitter Gas-Fired WHRU	48.85	33827	3.83		72	397
EQT 0004	S-01 - Fractionator Solar Centaur Gas Turbine	48.85	25578	3.33		72	396
EQT 0005	HR15002 - Fractionator Gas-Fired WHRU	48.85	25578	3.33		72	396
EQT 0006	C-01 - Fractionator Cooling Tower			30		40	85
EQT 0007	C-02 - Splitter Cooling Tower			30		41	85
FUG 0001	U-01 - Fractionator Fugitives						
FUG 0002	U-02 - Splitter Fugitives						

Relationships:

ID	Description	Relationship	ID	Description
EQT 0001	M-01 - Plant Flare	Controls emissions from	EQT 0008	V-05 - Splitter DeEthanizer
EQT 0001	M-01 - Plant Flare	Controls emissions from	EQT 0009	AMINE - Fractionator Amine System
EQT 0001	M-01 - Plant Flare	Controls emissions from	RLP 0025	V-01 - Overhead Stream from Deethanizer Tower
EQT 0001	M-01 - Plant Flare	Controls emissions from	RLP 0026	V-02 - Overhead Stream from Deopropanizer Tower

INVENTORIES

AI ID: 40198 - Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU
Activity Number: PER20090001
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Air - Title V Regular Permit Renewal

Relationships:

ID	Description	Relationship	ID	Description
EQT 0001	M-01 - Plant Flare	Controls emissions from	RLP 0028	V-04 - Overhead Stream from Deisobutanizer Tower
EQT 0001	M-01 - Plant Flare	Controls emissions from	RLP 0027	V-03 - Overhead Stream from Debutanizer Tower
EQT 0003	HR15001 - Splitter Gas-Fired WHRU	Controls emissions from	EQT 0002	S-02 - Splitter Solar Centaur Gas Turbine
EQT 0005	HR15002 - Fractionator Gas-Fired WHRU	Controls emissions from	EQT 0004	S-01 - Fractionator Solar Centaur Gas Turbine

Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	Entire Facility - Fractionator and Splitter Unit

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0050	0050 Natural Gas Liquids Per Unit	1	Units

SIC Codes:

1321	Natural gas liquids	UNF 001
2911	Petroleum refining	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 40198 - Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU

Activity Number: PER200900001

Permit Number: 3120-00065-V2

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Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Fractionator and Splitter Unit															
EQT 0001 M-01	27.10	30.25	118.69	4.98	5.56	21.81				3.90	4.29	17.10	4.94	5.54	21.65
EQT 0002 S-02	6.15	94.60	26.95	4.18	4.63	18.31	1.15	1.26	5.02	0.13	0.14	0.57	0.30	1.08	1.33
EQT 0003 HR15001	3.70	3.70	16.20	4.44	4.44	19.44	0.25	0.25	1.08	0.03	0.03	0.12	0.15	0.15	0.65
EQT 0004 S-01	6.15	94.60	26.95	4.18	4.63	18.31	1.15	1.26	5.02	0.13	0.14	0.57	0.30	1.08	1.33
EQT 0005 HR15002	9.30	9.30	40.73	8.68	8.68	38.02	1.04	1.04	4.55	0.07	0.07	0.29	1.74	1.74	7.60
EQT 0006 C-01							0.96	0.96	4.21				1.01	8.64	4.42
EQT 0007 C-02							0.50	0.50	2.19				0.53	4.50	2.30
FUG 0001 U-01													3.43	3.43	15.03
FUG 0002 U-02													4.30	4.30	18.83

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**AI ID: 40198 - Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU****Activity Number: PER20090001****Permit Number: 3120-00065-V2****Air - Title V Regular Permit Renewal**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 M-01	Benzene	<0.01	<0.01	0.002
	Ethyl benzene	<0.01	<0.01	0.006
	Toluene	0.03	0.03	0.112
	Xylene (mixed isomers)	<0.01	<0.01	0.019
	n-Hexane	0.03	0.03	0.119
EQT 0002 S-02	Acetaldehyde	<0.01	<0.01	0.007
	Acrolein	<0.01	<0.01	0.001
	Benzene	<0.01	<0.01	0.002
	Ethyl benzene	<0.01	<0.01	0.006
	Formaldehyde	0.05	0.06	0.239
	Naphthalene	<0.001	<0.001	<0.001
	Polynuclear Aromatic Hydrocarbons	<0.001	<0.001	<0.001
	Propylene oxide	<0.01	<0.01	0.005
	Toluene	<0.01	<0.01	0.024
	Xylene (mixed isomers)	<0.01	<0.01	0.012
EQT 0003 HR15001	Benzene	<0.001	<0.001	<0.001
	Formaldehyde	0.004	0.004	0.014
	Naphthalene	<0.001	<0.001	<0.001
	Toluene	<0.001	<0.001	0.001
	n-Hexane	0.087	0.087	0.346
EQT 0004 S-01	Acetaldehyde	<0.01	<0.01	0.007
	Acrolein	<0.001	<0.001	0.001
	Benzene	<0.001	<0.001	0.002
	Ethyl benzene	<0.01	<0.01	0.006
	Formaldehyde	0.05	0.06	0.239
	Naphthalene	<0.001	<0.001	<0.001
	Polynuclear Aromatic Hydrocarbons	<0.001	<0.001	<0.001
	Propylene oxide	<0.01	<0.01	0.005
	Toluene	<0.01	<0.01	0.024
	Xylene (mixed isomers)	<0.01	<0.01	0.012
EQT 0005 HR15002	Benzene	<0.001	<0.001	0.001
	Dichlorobenzene	<0.001	<0.001	0.001
	Formaldehyde	0.009	0.009	0.036

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 40198 - Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU

Activity Number: PER20090001

Permit Number: 3120-00065-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0005 HR15002	Naphthalene	<0.001	<0.001	<0.001
	Toluene	<0.001	<0.001	0.002
UNF 0001 Entire Facility	Acetaldehyde			0.014
	Acrolein			0.002
	Benzene			0.007
	Dichlorobenzene			0.001
	Ethyl benzene			0.018
	Formaldehyde			0.528
	Naphthalene			<0.001
	Polynuclear Aromatic Hydrocarbons			<0.001
	Propylene oxide			0.010
	Toluene			0.163
	Xylene (mixed isomers)			0.043
	n-Hexane			0.119

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 40198 - Enterprise Products Operating LLC - Baton Rouge Act Frac/PCU

Activity Number: PER20090001

Permit Number: 3120-00065-V2

Air - Title V Regular Permit Renewal

EQT 0001 M-01 - Plant Flare

- 1 [40 CFR 60.18(c)(1)] Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]
- 2 [40 CFR 60.18(c)(2)] Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
- 3 [40 CFR 60.18(c)(3)(ii)] Heat content >= 300 BTU/scf (1.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3). Subpart A. [40 CFR 60.18(c)(3)(ii)]
- 4 [40 CFR 60.18(c)(5)] Which Months: All Year Statistical Basis: None specified
Exit Velocity < 54.54 ft/sec (Vmax). Determine Vmax using the method specified in 40 CFR 60.18(f)(6). Subpart A. [40 CFR 60.18(c)(5)]
- 5 [40 CFR 60.18(d)] Which Months: All Year Statistical Basis: None specified
Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
- 6 [40 CFR 60.18(e)] Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
- 7 [40 CFR 60.18(f)(2)] Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)]
- 8 [LAC 33:III.1105] Which Months: All Year Statistical Basis: None specified
Submit notification: Due to SPOC as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours.
- 9 [LAC 33:III.1105] Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 10 [LAC 33:III.1311.C]
- 11 [LAC 33:III.1513.C]

EQT 0002 S-02 - Splitter Solar Centaur Gas Turbine

- 12 [40 CFR 60.332(a)(2)] Nitrogen oxides <= 150 ppmv at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)]
- 13 [40 CFR 60.333(b)] Which Months: All Year Statistical Basis: None specified
Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)]
- 14 [40 CFR 60.334(h)(3)] Which Months: All Year Statistical Basis: None specified
Use natural gas as the gaseous fuel and meet requirement 40 CFR 60.332(h)(3)(i) or 40 CFR 60.332(h)(3)(ii). Subpart GG. [40 CFR 60.334(h)(3)]
- 15 [40 CFR 60.334(j)(4)] Include each period during which an exemption provided in 40 CFR 60.332(k) is in effect in the report required in 40 CFR 60.7(c). For each period, report the type, reasons, and duration of the firing of the emergency fuel. Subpart GG. [40 CFR 60.334(j)(4)]

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EQT 0002 S-02 - Splitter Solar Centaur Gas Turbine

- 16 [40 CFR 60.334(j)] Submit excess emissions reports and monitor downtime in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]
- 17 [40 CFR 60.335] Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
- 18 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 19 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

EQT 0003 HR15001 - Splitter Gas-Fired WHRU

- 20 [40 CFR 60.48c(a)] Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- 21 [40 CFR 60.48c(b)(1)] Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. Subpart Dc. [40 CFR 60.48c(b)(1)]
- 22 [40 CFR 60.48c(i)] Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
- 23 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 24 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
- 25 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 26 [LAC 33:III.1311.B] Total suspended particulate <= lb/hr. The rate of emission shall be the total of all emission points from the source.
Which Months: All Year Statistical Basis: None specified
- 27 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
- 28 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

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EQT 0003 HR15001 - Splitter Gas-Fired WHRU

- 29 [LAC 33:III.1311.D] Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period.
Which Months: All Year Statistical Basis: Six-minute average
- 30 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 31 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified

EQT 0004 S-01 - Fractionator Solar Centaur Gas Turbine

- 32 [40 CFR 60.332(a)(2)] Nitrogen oxides <= 150 ppm_d at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(2)]
Which Months: All Year Statistical Basis: None specified
- 33 [40 CFR 60.333(b)] Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)]
Which Months: All Year Statistical Basis: None specified
- 34 [40 CFR 60.334(a)] Fuel recordkeeping by CMS continuously. Record fuel consumption. Subpart GG. [40 CFR 60.334(a)]
- 35 [40 CFR 60.334(h)(3)] Use natural gas as the gaseous fuel and meet requirement 40 CFR 60.332(h)(3)(i) or 40 CFR 60.332(h)(3)(ii). Subpart GG. [40 CFR 60.334(h)(3)]
- 36 [40 CFR 60.334(j)(4)] Include each period during which an exemption provided in 40 CFR 60.332(k) is in effect in the report required in 40 CFR 60.7(c). For each period, report the type, reasons, and duration of the firing of the emergency fuel. Subpart GG. [40 CFR 60.334(j)(4)]
- 37 [40 CFR 60.334(j)] Submit excess emissions reports and monitor downtime in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]
- 38 [40 CFR 60.335] Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
- 39 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 40 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

EQT 0005 HR15002 - Fractionator Gas-Fired WHRU

- 41 [40 CFR 60.44b] Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.
Which Months: All Year Statistical Basis: Thirty-day rolling average

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EQT 0005 HR15002 - Fractionator Gas-Fired WHRU

- 42 [40 CFR 60.46b(c)] Determine compliance with the NOx standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]
- 43 [40 CFR 60.48b(h)] A duct burner is not required to install or operate a continuous emissions monitoring system to measure NOx emissions. Subpart Db. [40 CFR 60.48b(h)]
- 44 [40 CFR 60.49b(d)] Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- 45 [40 CFR 60.49b(g)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]
- 46 [40 CFR 60.49b(h)] Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
- 47 [40 CFR 60.49b(o)] Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
- 48 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 49 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: None specified
- Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- Which Months: All Year Statistical Basis: Six-minute average
- 50 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
- Which Months: All Year Statistical Basis: None specified

EQT 0006 C-01 - Fractionator Cooling Tower

- 51 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average

EQT 0007 C-02 - Splitter Cooling Tower

- 52 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average

EQT 0008 V-05 - Splitter DeEthanizer

SPECIFIC REQUIREMENTS

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EQT 0008 V-05 - Splitter DeEthanizer

- 53 [40 CFR 60.662(b)] Combust the emissions in a flare that meets the requirements of 40 CFR 60.18. Subpart NNN. [40 CFR 60.662(b)]
- 54 [40 CFR 60.664(a)] Run all affected facilities at full operating conditions and flow rates during any performance test intended to demonstrate compliance with 40 CFR 60.662. Subpart NNN. [40 CFR 60.664(a)]
- 55 [40 CFR 60.664(b)] Use the 40 CFR 60 appendix A methods listed in 40 CFR 60.664(b) through (h), except as provided under 40 CFR 60.60.8(b), as reference methods to determine compliance with the emission limit or percent reduction efficiency specified under 40 CFR 60.662(a). Subpart NNN. [40 CFR 60.664(b)]
- 56 [40 CFR 60.665(a)] Notify the DEQ with the specific provisions of 40 CFR 60.662 (40 CFR 60.662(a), (b), or (c)) with which the facility operator has elected to comply. Submit the notification with the notification of initial start-up required in 40 CFR 60.7(a)(3). Notify the DEQ 90 days before implementing any change in the provision of 40 CFR 60.662 that the operator elects to comply with. Conduct the performance test specified by 40 CFR 60.664 within 180 days after the change. Subpart NNN. [40 CFR 60.665(a)]
- 57 [40 CFR 60.665(b)] Performance Test Data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain up-to-date, readily accessible records of the required compliance information listed in 40 CFR 60.665(b) through (j) as applicable measured during each performance test required under 40 CFR 60.8. Submit the same specified data in the reports of all subsequently required performance tests where either the emission control efficiency of a control device, outlet concentration of TOC, or the TRE index value of a vent stream from a recovery system is determined. Subpart NNN. [40 CFR 60.665(b)]
- 58 [40 CFR 60.665(l)] Submit report: Due semiannually. Submit initial report within 6 months after the initial start-up date. Include the information outlined in 40 CFR 60.665(l)(1) through (l)(7). Subpart NNN. [40 CFR 60.665(l)]
- 59 [40 CFR 60.665(o)] Submit an initial report, including a flow rate measurement using the test methods specified in 40 CFR 60.664, to the DEQ. Subpart NNN. [40 CFR 60.665(o)]

EQT 0009 AMINE - Fractionator Amine System

- 60 [LAC 33:III.2115.B] Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. A flare has been approved as a control device.
Which Months: All Year Statistical Basis: None specified
- 61 [LAC 33:III.2115.I] Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate.
- 62 [LAC 33:III.2115.J.1] Demonstrate compliance with LAC 33:III.2115 as requested by DEQ.
- 63 [LAC 33:III.2115.J.2] Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e.
- 64 [LAC 33:III.2115.J] Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115.

SPECIFIC REQUIREMENTS

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EQT 0009 AMINE - Fractionator Amine System

65 [LAC 33:III.2115.K]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.

FUG 0001 U-01 - Fractionator Fugitives

66 [40 CFR 60.632(a)]

Comply with the requirements specified in 40 CFR 60.482-1(a), (b), and (d) and 40 CFR 60.482-2 through 60.482-10, except as provided in 40 CFR 60.633, as soon as practicable, but no later than 180 days after initial startup. Subpart KKK. [40 CFR 60.632(a)]

67 [40 CFR 60.632(d)]

Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.632(f) and 60.633(h). Subpart KKK. [40 CFR 60.632(d)]

68 [40 CFR 60.632(e)]

Comply with the provisions of 40 CFR 60.486 and 60.487 except as provided in 40 CFR 60.633, 60.635, and 60.636. Subpart KKK. [40 CFR 60.632(e)]

69 [40 CFR 60.632(f)]

Demonstrate that a piece of equipment is not in VOC service or in wet gas service by using the specified methods. Subpart KKK. [40 CFR 60.632(f)]

70 [LAC 33:III.2111]

Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

71 [LAC 33:III.2122.A.6.a]

Submit notification in writing: Due to DEQ if requesting exemption from the regulations in LAC 33:III.2122. Include how 60.630-636

72 [LAC 33:III.2122.D.4]

(Subpart KKK) will be administered to obtain the exemption.
LAC 33:III.2122: EXEMPT - Comply with the more stringent requirements of 40 CFR 60, Subpart KKK.

FUG 0002 U-02 - Splitter Fugitives

73 [40 CFR 60.482-1(a)]

Demonstrate compliance with the requirements of 40 CFR 60.482-1 to 40 CFR 60.482-10 for all equipment within 180 days of initial startup. Subpart VV. [40 CFR 60.482-1(a)]

74 [40 CFR 60.485]

In conducting the performance tests required in 40 CFR 60.8, use as reference methods and procedures the test methods in Appendix A of Part 60 or other methods and procedures as specified in 40 CFR 60.485, except as provided in 40 CFR 60.8(b). Conduct any other required demonstrations using the test methods and procedures outlined. Subpart VV.

75 [40 CFR 60.486]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Record and maintain records as specified 40 CFR 60.486(a) through (k). Subpart VV.

76 [40 CFR 60.487(d)]

Submit notification: Due 90 days before implementing either of the alternative standards contained in 40 CFR 60.483-1 or 60.483-2. Notify DEQ of the provision selected. Subpart VV. [40 CFR 60.487(d)]

77 [40 CFR 60.487(e)]

Submit performance test results: Due in accordance with 40 CFR 60.8 of the General Provisions. Subpart VV. [40 CFR 60.487(e)]

78 [40 CFR 60.487]

Submit semiannual report: Due semiannually to DEQ beginning six months after the initial startup date. Submit the information specified in 40 CFR 60.487(b) and (c). Subpart VV.

79 [LAC 33:III.2111]

Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

80 [LAC 33:III.2122.A.6.a]

Submit notification in writing: Due to DEQ if requesting exemption from the regulations in LAC 33:III.2122. Include how 40 CFR 60.480-489 (Subpart VV) will be administered to obtain the exemption.

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FUG 0002 U-02 - Splitter Fugitives

81 [LAC 33:III.2122.D.4] LAC 33:III.2122: EXEMPT - Comply with the more stringent requirements of 40 CFR 60, Subpart VV.

UNF 0001 Entire Facility - Fractionator and Splitter Unit

- 82 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- 83 [40 CFR 68.15(a)] Develop a management system to oversee the implementation of the risk management program elements. [40 CFR 68.15(a)]
- 84 [40 CFR 68.15(b)] Assign a qualified person or position that has the overall responsibility for the development, implementation, and integration of the risk management program elements. [40 CFR 68.15(b)]
- 85 [40 CFR 68.15(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the names or positions of the people, other than the person identified under 68.15(b), who are assigned responsibility for implementing individual requirements of 40 CFR 68. [40 CFR 68.15(c)]
- 86 [40 CFR 68.15(c)] Define the lines of authority through an organization chart or similar document for implementing individual requirements of 40 CFR 68 is assigned to persons other than the person identified under 68.15(b). [40 CFR 68.15(c)]
- 87 [40 CFR 68.150] Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999.
- 88 [40 CFR 68.155] Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).
- 89 [40 CFR 68.160] Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).
- 90 [40 CFR 68.165] Submit in the RMP information the release scenarios specified in 68.165(a)(2). Include the data listed in 68.165(b)(1) through (13).
- 91 [40 CFR 68.168] Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).
- 92 [40 CFR 68.175] Provide in the RMP the information indicated in 68.175(b) through (p).
- 93 [40 CFR 68.180] Provide in the RMP the emergency response information listed in 68.180(a) through (c).
- 94 [40 CFR 68.185(b)] Submit in the RMP a single certification that, to the best of the signer's knowledge, information, and belief formed after reasonable inquiry, the information submitted is true, accurate, and complete. [40 CFR 68.185(b)]
- 95 [40 CFR 68.190(c)] Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]
- 96 [40 CFR 68.190] Review and update the RMP as specified in 68.190(b) and submit it in a method and format to a central point specified by EPA prior to June 21, 1999.
- 97 [40 CFR 68.200] Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.
- 98 [40 CFR 68.22] Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.
- 99 [40 CFR 68.25] Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).
- 100 [40 CFR 68.28] Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).

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- 101 [40 CFR 68.30] Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 102 [40 CFR 68.33] List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
- 103 [40 CFR 68.36(b)] Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
- 104 [40 CFR 68.36] Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
- 105 [40 CFR 68.39] Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.
- 106 [40 CFR 68.42] Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.
- 107 [40 CFR 68.65(a)] Compile written process safety information, which includes information pertaining to the hazards of the regulated substances used or produced by the process, information pertaining to the technology of the process, and information pertaining to the equipment in the process, before conducting any process hazard analysis required by 40 CFR 68. [40 CFR 68.65(a)]
- 108 [40 CFR 68.65(d)(2)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that equipment complies with recognized and generally accepted good engineering practices. [40 CFR 68.65(d)(2)]
- 109 [40 CFR 68.65(d)(3)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that existing equipment, designed and constructed in accordance with codes, standards, or practices that are no longer in general use, is designed, maintained, inspected, tested, and operating in a safe manner. [40 CFR 68.65(d)(3)]
- 110 [40 CFR 68.65(d)(3)] Determine that existing equipment, designed and constructed in accordance with codes, standards, or practices that are no longer in general use, is designed, maintained, inspected, tested, and operating in a safe manner. [40 CFR 68.65(d)(3)]
- 111 [40 CFR 68.67(a)] Determine the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process. [40 CFR 68.67(a)]
- 112 [40 CFR 68.67(a)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process. [40 CFR 68.67(a)]
- 113 [40 CFR 68.67(b)] Use one or more of the methodologies in Sec. 68.67(b)(1) through (b)(7) to determine and evaluate the hazards of the process being analyzed. [40 CFR 68.67(b)]
- 114 [40 CFR 68.67(d)] Use a team with expertise in engineering and process operations to perform the process hazard analysis. Include at least one employee who has experience and knowledge specific to the process being evaluated, and at least one employee who is knowledgeable in the specific process hazard analysis methodology being used. [40 CFR 68.67(d)]

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- 115 [40 CFR 68.67(e)] Establish a system to promptly address the team's findings and recommendations; assure that the recommendations are resolved in a timely manner and that the resolution is documented; document what actions are to be taken; complete actions as soon as possible; develop a written schedule of when these actions are to be completed; communicate the actions to operating, maintenance and other employees whose work assignments are in the process and who may be affected by the recommendations or actions. [40 CFR 68.67(e)]
- 116 [40 CFR 68.67(e)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the resolution of the recommendations of the team performing the process hazard analysis, and what actions are to be taken. [40 CFR 68.67(e)]
- 117 [40 CFR 68.67(f)] Update and revalidate the process hazard analysis at least every five years after the completion of the initial process hazard analysis, to assure that the process hazard analysis is consistent with the current process. Use a team that meets the requirements in Sec. 68.67(d). [40 CFR 68.67(f)]
- 118 [40 CFR 68.67(g)] Retain process hazards analyses and updates or revalidations for each process covered by this section, as well as the documented resolution of recommendations described in Sec. 68.67(e), for the life of the process. [40 CFR 68.67(g)]
- 119 [40 CFR 68.67] Perform an initial process hazard analysis (hazard evaluation) on processes covered by 40 CFR 68 as soon as possible, but not later than June 21, 1999. The process hazard analysis shall identify, evaluate, and control the hazards involved in the process, and address the information in 40 CFR 68.67(c)(1) through (7).
- 120 [40 CFR 68.69(a)] Develop and implement written operating procedures that provide clear instructions for safely conducting activities involved in each covered process consistent with the process safety information. Address steps for each operating phase, operating limits, safety and health considerations, and safety systems and their functions in the procedures. [40 CFR 68.69(a)]
- 121 [40 CFR 68.69(b)] Make operating procedures readily accessible to employees who work in or maintain a process. [40 CFR 68.69(b)]
- 122 [40 CFR 68.69(c)] Review operating procedures as often as necessary to assure that they reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources. Certify annually that these operating procedures are current and accurate. [40 CFR 68.69(c)]
- 123 [40 CFR 68.69(d)] Develop and implement safe work practices to provide for the control of hazards during specific operations. [40 CFR 68.69(d)]
- 124 [40 CFR 68.71(a)(1)] Train each employee presently involved in operating a process, and each employee before being involved in operating a newly assigned process, in an overview of the process and in the operating procedures as specified in Sec. 68.69. Emphasize the specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks. [40 CFR 68.71(a)(1)]
- 125 [40 CFR 68.71(b)] Provide refresher training at least every three years, and more often if necessary, to each employee involved in operating a process to assure that the employee understands and adheres to the current operating procedures of the process. [40 CFR 68.71(b)]
- 126 [40 CFR 68.71(c)] Ascertain that each employee involved in operating a process has received and understood the training required by Sec. 68.71. [40 CFR 68.71(c)]
- 127 [40 CFR 68.71(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Prepare a record which contains the identity of the employee, the date of training required by 40 CFR 68.71, and the means used to verify that the employee understood the training. [40 CFR 68.71(c)]
- 128 [40 CFR 68.73(b)] Establish and implement written procedures to maintain the ongoing integrity of process equipment listed in Sec. 68.73(a). [40 CFR 68.73(b)]
- 129 [40 CFR 68.73(c)] Train each employee involved in maintaining the ongoing integrity of process equipment in an overview of that process and its hazards and in the procedures applicable to the employee's job tasks to assure that the employee can perform the job tasks in a safe manner. [40 CFR 68.73(c)]

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- 130 [40 CFR 68.73(d)(4)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document each inspection and test that has been performed on process equipment. Maintain records of the information specified in Sec. 68.73(d)(4). [40 CFR 68.73(d)(4)]
- 131 [40 CFR 68.73(d)] Perform inspections and tests following recognized and generally accepted good engineering practices on process equipment listed in 40 CFR 68.73(a). Make the frequency of inspections and tests consistent with applicable manufacturer's recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience. [40 CFR 68.73(d)]
- 132 [40 CFR 68.73(e)] Correct deficiencies in equipment that are outside acceptable limits before further use or in a safe and timely manner when necessary means are taken to assure safe operation. [40 CFR 68.73(e)]
- 133 [40 CFR 68.73(f)] Assure that equipment as it is fabricated is suitable for the process application for which it will be used, in the construction of new plants and equipment. Perform appropriate checks and inspections to assure that equipment is installed properly and consistent with design specifications and the manufacturer's instructions. Assure that maintenance materials, spare parts and equipment are suitable for the process application for which they will be used. [40 CFR 68.73(f)]
- 134 [40 CFR 68.75(c)] Inform employees involved in operating a process, and maintenance and contract employees whose job tasks will be affected, of a change in the process and train them in the change, prior to start-up of the process or affected part of the process. [40 CFR 68.75(c)]
- 135 [40 CFR 68.75(d)] Update the process safety information required by Sec. 68.65 if a change covered by 68.75 results in a change in the process safety information. [40 CFR 68.75(d)]
- 136 [40 CFR 68.75(e)] Update the operating procedures or practices required by Sec. 68.69 if a change covered by 68.75 results in a change in the operating procedures or practices. [40 CFR 68.75(e)]
- 137 [40 CFR 68.75] Establish and implement written procedures to manage changes to process chemicals, technology, equipment, and procedures; and, changes to stationary sources that affect a covered process. Assure that the considerations specified in Sec. 68.75(b)(1) through (b)(5) are addressed prior to any change.
- 138 [40 CFR 68.77] Perform a pre-startup safety review for new stationary sources and for modified stationary sources when the modification is significant enough to require a change in the process safety information. Safety review must confirm the information specified in Sec. 68.77(b)(1) through (b)(4) prior to the introduction of regulated substances to a process.
- 139 [40 CFR 68.79(c)] Develop a report of the findings of the compliance audit required by 40 CFR 68.79(a). [40 CFR 68.79(c)]
- 140 [40 CFR 68.79(d)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the appropriate response to each of the findings of the compliance audit, and document that deficiencies have been corrected. [40 CFR 68.79(d)]
- 141 [40 CFR 68.79(d)] Determine an appropriate response to each of the findings of the compliance audit. [40 CFR 68.79(d)]
- 142 [40 CFR 68.79(e)] Retain the two (2) most recent compliance audit reports. [40 CFR 68.79(e)]
- 143 [40 CFR 68.79] Conduct compliance audit: Due at least every three years. Certify compliance with the provisions of the prevention program to verify that procedures and practices developed under 40 CFR 68 are adequate and are being followed. Conduct compliance audit by at least one person knowledgeable in the process.
- 144 [40 CFR 68.81(c)] Establish an incident investigation team consisting of at least one person knowledgeable in the process involved, including a contract employee if the incident involved work of the contractor, and other persons with appropriate knowledge and experience to thoroughly investigate and analyze the incident. [40 CFR 68.81(c)]
- 145 [40 CFR 68.81(c)] Establish a system to promptly address and resolve the incident report findings and recommendations. [40 CFR 68.81(c)]

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- 146 [40 CFR 68.81(e)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document resolutions and corrective actions of the incident report findings and recommendations. [40 CFR 68.81(e)]
- 147 [40 CFR 68.81] Conduct incident investigation: Due as promptly as possible, but not later than 48 hours following each incident which resulted in, or could reasonably have resulted in a catastrophic release of a regulated substance.
- 148 [40 CFR 68.81] Prepare a report at the conclusion of the incident investigation which includes, at a minimum, the information specified in 40 CFR 68.81(d)(1) through (5). Review the report with all affected personnel whose job tasks are relevant to the incident findings including contract employees where applicable. Retain the incident investigation reports for five years.
- 149 [40 CFR 68.83(a)] Develop a written plan of action regarding the implementation of the employee participation required by 40 CFR 68. [40 CFR 68.83(a)]
- 150 [40 CFR 68.83(b)] Consult with employees and their representatives on the conduct and development of process hazards analyses and on the development of the other elements of process safety management. [40 CFR 68.83(b)]
- 151 [40 CFR 68.83(c)] Provide to employees and their representatives access to process hazard analyses and to all other information required to be developed under 40 CFR 68. [40 CFR 68.83(c)]
- 152 [40 CFR 68.85] Issue a hot work permit for hot work operations conducted on or near a covered process. Document in the permit that the fire prevention and protection requirements in 29 CFR 1910.252(a) have been implemented prior to beginning the hot work operations; indicate the date(s) authorized for hot work; and identify the object on which hot work is to be performed. Keep permit on file until completion of the hot work operations.
- 153 [40 CFR 68.87(b)(1)] Obtain and evaluate information regarding the contract owner or operator's safety performance and programs, when selecting a contractor. [40 CFR 68.87(b)(1)]
- 154 [40 CFR 68.87(b)(2)] Inform contract owner or operator of the known potential fire, explosion, or toxic release hazards related to the contractor's work and the process. [40 CFR 68.87(b)(2)]
- 155 [40 CFR 68.87(b)(3)] Explain to the contract owner or operator the applicable provisions of 40 CFR 68 Subpart E. [40 CFR 68.87(b)(3)]
- 156 [40 CFR 68.87(b)(4)] Develop and implement safe work practices consistent with Sec. 68.69(d), to control the entrance, presence, and exit of the contract owner or operator and contract employees in covered process areas. [40 CFR 68.87(b)(4)]
- 157 [40 CFR 68.87(b)(5)] Periodically evaluate the performance of the contract owner or operator in fulfilling their obligations as specified in 40 CFR 68.87(c). [40 CFR 68.87(b)(5)]
- 158 [40 CFR 68.95(a)] Develop and implement an emergency response program for the purpose of protecting public health and the environment. Include in the program the elements listed in 40 CFR 68.95(a)(1) through (4). [40 CFR 68.95(a)]
- 159 [40 CFR 68.95(c)] Coordinate the emergency response plan developed under 68.95(a)(1) with the community emergency response plan developed under 42 U.S.C. 11003. Upon request of the local emergency planning committee or emergency response officials, promptly provide information necessary for developing and implementing the community emergency response plan. [40 CFR 68.95(c)]
- 160 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 161 [LAC 33:III.1109.B] Outdoor burning of waste material or other combustible material is prohibited.
- 162 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

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- 163 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 164 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 165 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 166 [LAC 33:III.501.C.6] Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene. (State Only).
- 167 [LAC 33:III.501.C.6] Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only).
- 168 [LAC 33:III.535] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 169 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.
- 170 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.
- 171 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.
- 172 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency for Splitter Unit. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.
- 173 [LAC 33:III.5901.A] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 174 [LAC 33:III.5907] Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 175 [LAC 33:III.5911.A] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III. Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
- 176 [LAC 33:III.5911.C] Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
- 177 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.